2. (Original) A shock absorber assembly according to claim 1 wherein said first and second parts comprise telescopically interengaged tubes respectively of relatively smaller and larger diameter.

3. (Original) A shock absorber assembly according to claim 2 wherein said valve means is provided in a valve body fixed at an inner end of the tube comprising said first part.

4. (Currently Amended) A shock absorber assembly according to claim 2 ~~or 3~~ wherein said lateral port means comprises a plurality of spaced individual ports in said tube comprising said first part.

5. (Currently Amended) A shock absorber assembly according to claim 2~~, 3 or 4~~ wherein said lateral port means is positioned whereby, during said extending movement, the lateral port means is covered near the end of the movement, whereby fluid in said intermediate chamber cushions further extending movement.

6. (Currently Amended) A shock absorber assembly according to claim 1~~any preceding claim~~ including respective shim packs in part determining said respective predetermined controlled flow rates and further determining the respective directions of flow.

7. (Currently Amended) A shock absorber assembly according to claim 1~~any preceding claim~~, further including pressurized-gas cushioning means including structure defining a first cavity for storing a pressurized gas and a second cavity for storing a fluid under pressure, and a floating piston sealingly separating said cavities, wherein said second cavity is in fluid flow communication with said motion damping means.

8. (Original) A shock absorber assembly according to claim 7, wherein said movement is such that when said parts relatively extend, fluid is caused to flow from said second cavity of the pressurized-gas cushioning means to the damping means whereby gas pressure in said first cavity moves the floating piston to reduce the gas pressure in the first cavity, and when said parts relatively retract, fluid is caused to flow from the damping means to said second cavity whereby to move the floating piston to increase the gas pressure of the gas in the first cavity.

9. (Currently Amended) A shock absorber assembly according to claim 7 ~~or 8~~ wherein said first part of the motion damping means and said structure of the pressurized-gas cushioning means are integral whereby said second cavity and said primary chamber of the first part comprise a single chamber.

10. (Original) A shock absorber assembly according to claim 9, wherein said first part of the motion damping means and said structure of the pressurized-gas cushioning means are provided by a single tube.

11. (Currently Amended) A shock absorber assembly according to claim 7 ~~or 8~~ wherein said pressurized-gas cushioning means and said motion damping means are substantially separate units and a conduit is provided for said fluid flow communication between the motion damping means and said second cavity.

12. (Original) A shock absorber assembly according to claim 11 wherein said conduit is between the primary chamber of the first part of the motion damping means and said second cavity.

13. (Original) A shock absorber assembly according to claim 11 wherein said conduit is between the primary chamber of the second part of the motion damping means and said second cavity.

14. (Currently Amended) A shock absorber assembly according to ~~any one of~~claim[[s]] 1 ~~to 13~~wherein the valve means is such that said respective predetermined controlled flow rates in the respective directions are different whereby to vary the damping characteristics according to whether said movement is relative retracting or extending movement.

15. (Currently Amended) A shock absorber assembly according to ~~any one of~~claim[[s]] 1 ~~to 14~~further including cooling means for reducing the temperature of the assembly during operation.

16. (New) A shock absorber assembly according to claim 3 wherein said lateral port means comprises a plurality of spaced individual ports in said tube comprising said first part.

17. (New) A shock absorber assembly according to claim 3 wherein said lateral port means is positioned whereby, during said extending movement, the lateral port means is covered near the end of the movement, whereby fluid in said intermediate chamber cushions further extending movement.

18. (New) A shock absorber assembly according to claim 4 wherein said lateral port means is positioned whereby, during said extending movement, the lateral port means is covered near the end of the movement, whereby fluid in said intermediate chamber cushions further extending movement.

19. (New) A shock absorber assembly according to claim 8 wherein said first part of the motion damping means and said structure of the pressurized-gas cushioning means are integral whereby said second cavity and said primary chamber of the first part comprise a single chamber.

20. (New) A shock absorber assembly according to claim 8 wherein said pressurized-gas cushioning means and said motion damping means are substantially separate units and a conduit is provided for said fluid flow communication between the motion damping means and said second cavity.